PREREQUISITES

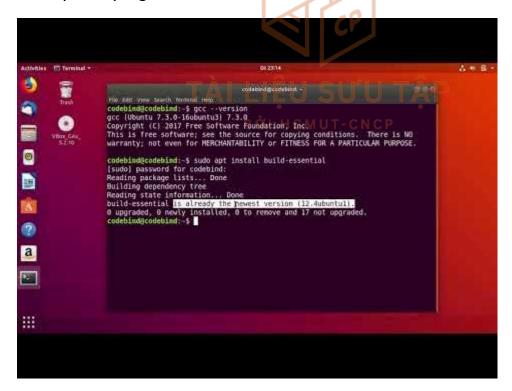
- •Install Virtual Machine
- •Install one of Linux distribution i.e. Ubuntu, Fedora, Kali, k8, CentOS
- Setup VM: https://youtu.be/wX75Z-4MEoM
- Virtual Box: https://www.virtualbox.org/
- Ubuntu: https://ubuntu.com/download/desktop

FOR UBUNTU, THE REQUIRED SIZE OF VIRTUAL HARDDISK AT LEAST 15GB. THE DEFAULT OF VIRTUALBOX/VMWARE PLAYER AT 10GB MAY CAUSE MANY PROBLEM OF LACKING DISK SPACE LATER

- Linux command:

INTRODUCTION TO LINUX AND BASIC LINUX COMMANDS FOR BEGINNERS

- Compile C program in Ubuntu:



Practice:

- Practice with command line text editor VIM or NANO

- Write a program using C language
- Compile a program automatically using Makefile template.

TUTORIAL AND REFERENCES

- How to retrieve the information of running process? (E-learning document)
- Video tutorial for vim: https://youtu.be/wlR5gYd6um0
- C Programming

https://www.youtube.com/playlist?list=PL_c9BZzLwBRKKqOc9TJz1pP0ASrxLMtp2

C Programming Tutorial 1 - Intro to C

C Programming Tutorial 6 - Intro to UNIX/Linux - Part 1

C Programming Tutorial 7 - Intro to UNIX/Linux - Part 2

Linux command line: https://youtu.be/cBokz0lTizk

GNU make: https://www.gnu.org/software/make/manual/make.html

C tutorial: https://www.tutorialspoint.com/cprogramming/index.htm

C datatype: https://www.tutorialspoint.com/cprogramming/c_data_types.htm

For Ubuntu: to install basic library to compile and develop program:

sudo apt-get install build-essential

BÓI HCMUT-CNCP

HOW TO COMPILE AND RUN C PROGRAM USING GCC ON UBUNTU (LINUX)

HOW TO MAKE A MAKEFILE (C++ / C) (MAKEFILE TUTORIAL)

WHAT TO DO			